

WHAT IS CLAIMED IS:

1. An image data transmitting apparatus comprising:

means for encoding input image data; and

5 transmitting means for packetizing encoded data output from said encoding means and transmitting data packets, the transmitting means comprising delay means for controlling a transmission timing of each of the data packets thereby to transmit the data packets at  
10 intervals longer than a predetermined value.

2. The image data transmitting apparatus according to claim 1, wherein said delay means controls the transmission timing based on a bandwidth of a network to be used for transmission of the data packets  
15 and a data size of the data packets.

3. The image data transmitting apparatus according to claim 1, wherein said transmitting means comprises means for storing the encoded data, the encoded data stored in said storing means being  
20 transmitted, and said image transmitting apparatus further comprising:

means for varying priorities of operations of said encoding means and said transmitting means according to a volume of data stored in said storing means.

25 4. The image data transmitting apparatus according to claim 1, wherein said transmitting means comprises means for storing the encoded data, the

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encoded data stored in said storing means being transmitted, and said image transmitting apparatus further comprising:

5 means for varying a data storage size of said storing means according to an image size of the input image data.

5. An image data receiving apparatus comprising:  
means for receiving encoded image data;  
means for storing the encoded image data received  
10 by said receiving means;

means for decoding the encoded image data stored in said storing means; and

means for varying priorities of operations of said receiving means and said decoding means according to a  
15 volume of the image data stored in said storing means.

6. The image data receiving apparatus according to claim 5, further comprising:

means for varying a data storage size of said storing means according to a size of the encoded image  
20 data.

7. An image data transmitting method comprising:  
encoding input image data; and

packetizing encoded data and transmitting data packets, a transmission timing of each of the data  
25 packets being controlled thereby transmitting the data packets at intervals longer than a predetermined value.

8. The image data transmitting method according

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to claim 7, wherein the transmission timing is controlled based on a bandwidth of a network to be used for transmission of the data packets and a data size of the data packets.

5           9. The image data transmitting method according to claim 7, wherein said transmitting comprises storing the encoded data, the stored encoded data being transmitted, and said method further comprising:

10                 varying priorities of operations of said encoding and said transmitting according to a volume of stored data.

15           10. The image data transmitting method according to claim 7, wherein said transmitting comprises storing the encoded data in storing means, the stored encoded data being transmitted, and said method further comprising:

                  varying a data storage size of said storing means according to an image size of the input image data.

20           11. An image data receiving method comprising:

                  receiving encoded image data;

                  storing the received image data in storing means;

                  decoding the stored image data; and

25                 varying priorities of operations of said receiving and said decoding according to a volume of the stored image data.

                  12. The image data receiving method according to claim 11, further comprising:

varying a data storage size of said storing means according to a size of the encoded image data.

13. An image data transmitting apparatus comprising:

5 an encoder configured to encode input image data; and

transmitter configured to packetize encoded data output from said encoder and transmit data packets, the transmitter comprising a delay device configured  
10 to control a transmission timing of each of the data packets thereby to transmit the data packets at intervals longer than a predetermined value.

14. The image data transmitting apparatus according to claim 13, wherein said delay device  
15 controls the transmission timing based on a bandwidth of a network to be used for transmission of the data packets and a data size of the data packets.

15. The image data transmitting apparatus according to claim 13, wherein said transmitter  
20 comprises a storage configured to store the encoded data, the encoded data stored in said storage being transmitted, and said image transmitting apparatus further comprising:

a controller configured to vary priorities of  
25 operations of said encoder and said transmitter according to a volume of data stored in said storage.

16. The image data transmitting apparatus

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according to claim 13, wherein said transmitter  
comprises a storage configured to store the encoded  
data, the encoded data stored in said storage being  
transmitted, and said image transmitting apparatus  
5 further comprising:

a controller configured to vary a data storage  
size of said storage according to an image size of the  
input image data.

17. An image data receiving apparatus comprising:

10 a receiver configured to receive encoded image  
data;

a storage configured to store the encoded image  
data received by said receiver;

15 a decoder configured to decode the encoded image  
data stored in said storage; and

a controller configured to vary priorities of  
operations of said receiver and said decoder according  
to a volume of the image data stored in said storage.

20 18. The image data receiving apparatus according  
to claim 17, further comprising:

a second controller configured to vary a data  
storage size of said storage according to a size of the  
encoded image data.

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